

## Electronic Acknowledgement Receipt

|                                          |                                                                                  |
|------------------------------------------|----------------------------------------------------------------------------------|
| <b>EFS ID:</b>                           | 1232264                                                                          |
| <b>Application Number:</b>               | 10599604                                                                         |
| <b>Confirmation Number:</b>              | 1508                                                                             |
| <b>Title of Invention:</b>               | METHOD OF SURFACE MODIFICATION FOR THERMAL SHOCK RESISTANCE AND A MEMBER THEREOF |
|                                          |                                                                                  |
| <b>First Named Inventor:</b>             | Hiroyasu Saka                                                                    |
| <b>Customer Number:</b>                  | 62479                                                                            |
| <b>Filer:</b>                            | Jason D. Voight                                                                  |
| <b>Filer Authorized By:</b>              |                                                                                  |
| <b>Attorney Docket Number:</b>           | TAN-500                                                                          |
| <b>Receipt Date:</b>                     | 03-OCT-2006                                                                      |
| <b>Filing Date:</b>                      |                                                                                  |
| <b>Time Stamp:</b>                       | 11:39:53                                                                         |
| <b>Application Type:</b>                 | U.S. National Stage under 35 USC 371                                             |
| <b>International Application Number:</b> | PCT/JP05/07111                                                                   |

### Payment information:

|                                          |        |
|------------------------------------------|--------|
| Submitted with Payment                   | yes    |
| Payment was successfully received in RAM | \$900  |
| RAM confirmation Number                  | 1061   |
| Deposit Account                          | 503913 |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

### File Listing:

| Document Number     | Document Description                      | File Name                        | File Size(Bytes) | Multi Part | Pages |
|---------------------|-------------------------------------------|----------------------------------|------------------|------------|-------|
| 1                   | Abstract                                  | TAN-500-061003-Abstract.pdf      | 54812            | no         | 1     |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |
| <b>Information:</b> |                                           |                                  |                  |            |       |
| 2                   | Claims                                    | TAN-500-061003-Claims.pdf        | 202979           | no         | 2     |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |
| <b>Information:</b> |                                           |                                  |                  |            |       |
| 3                   | Oath or Declaration filed                 | TAN-500-061003-Declaration.pdf   | 258669           | no         | 2     |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |
| <b>Information:</b> |                                           |                                  |                  |            |       |
| 4                   | Specification                             | TAN-500-061003-Description.pdf   | 1995427          | no         | 16    |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |
| <b>Information:</b> |                                           |                                  |                  |            |       |
| 5                   | Drawings                                  | TAN-500-061003-Drawings.pdf      | 8423101          | no         | 3     |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |
| <b>Information:</b> |                                           |                                  |                  |            |       |
| 6                   | Documents submitted with 371 Applications | TAN-500-061003-Communication.pdf | 184944           | no         | 1     |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |
| <b>Information:</b> |                                           |                                  |                  |            |       |
| 7                   | Documents submitted with 371 Applications | TAN-500-061003-Election.pdf      | 154387           | no         | 1     |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |
| <b>Information:</b> |                                           |                                  |                  |            |       |
| 8                   | Documents submitted with 371 Applications | TAN-500-061003-IA.pdf            | 120483           | no         | 1     |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |
| <b>Information:</b> |                                           |                                  |                  |            |       |
| 9                   | Documents submitted with 371 Applications | TAN-500-061003-ISR.pdf           | 236895           | no         | 2     |
| <b>Warnings:</b>    |                                           |                                  |                  |            |       |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------|----|---|
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |          |    |   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Documents submitted with 371 Applications | TAN-500-061003-PriorityDoc.pdf | 177136   | no | 1 |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                |          |    |   |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |          |    |   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Documents submitted with 371 Applications | TAN-500-061003-RecordCopy.pdf  | 134973   | no | 1 |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                |          |    |   |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |          |    |   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Transmittal letter                        | TAN-500-061003-Transmittal.pdf | 381175   | no | 3 |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                |          |    |   |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |          |    |   |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Documents submitted with 371 Applications | TAN-500-061003-WO.pdf          | 249053   | no | 2 |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                |          |    |   |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |          |    |   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fee Worksheet (PTO-875)                   | fee-info.pdf                   | 8424     | no | 2 |
| <b>Warnings:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                |          |    |   |
| <b>Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |          |    |   |
| <b>Total Files Size (in bytes):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                | 12582458 |    |   |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b><br/>         If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b><br/>         If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> |                                           |                                |          |    |   |